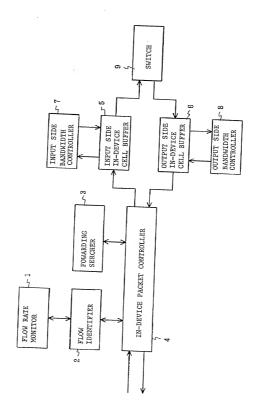
Fig. 1



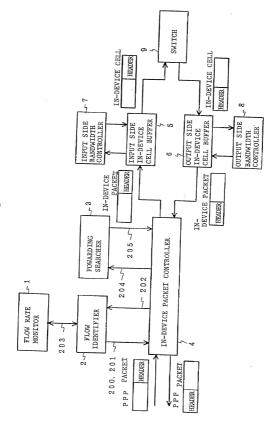


Fig. 2

Fig. 3

Padding Fragmentation Offset Header Checkson Total Length 13 Flags Destination Address Source Address p. 5 DATA PPP PACKET a 1 2 I P PACKET Type Of Service Option Protocol I P PACKET HEADER b 1 Identification Internet Beader Length PPP PACKET HEADER Time To Live က Version

Fig. 4

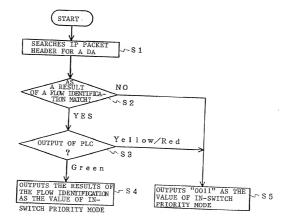


Fig. 5

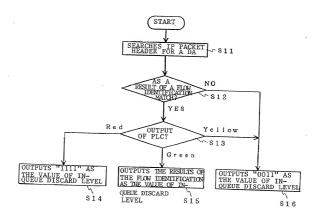


Fig. 6

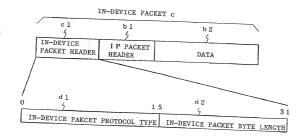
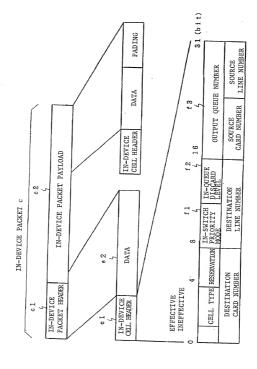


Fig.



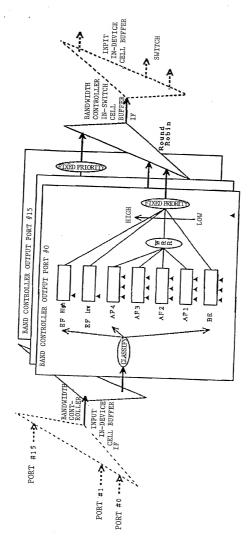


Fig. 9

IN-SWITCH		OHTPHT CID	INPUT SIDE	
PRIORITY MODE		IN-DEVICE CELL BUFFER	IN-DEVICE CELL BUFFER	REMARKS
XX00	HIGHEST PRIORITY	EF (H)	EF	WITH DELAY ASSURANCE
XX01	SECOND HIGH- EST PRIPRITY	EF (L)	1	WITH BANDWIDTH
0010	THIRD HIGH- EST PRIORITY	AF1	AF1	ASSURANCE
0110	"	AF2	AF2	WITH DELAY ASSURANCE
1010	11	AF3	AF3	WITHOUT BANDWIDTH
1110	11	AF4	AF4	ASSURANCE WITHOUT DELAY
XX11	LEAST HIGI- EST PRIORITY	BE	BE	ASSURANCE WITHOUT BANDWIDTH
		-		ASSURANCE

Fig. 10

VALUE OF	T
IN-QUEUE DISCARD LEVEL	DISCARD PRIORITY IN BANDWIDTH CONTROLLER
0000	
0001	LOW DISCARD PROBABILITY
0010	*
	↓ ↓
0011	HIGH DISCARD PROBABILITY
1111	WITHOUT FAIL IN IN-DEVICE PACKET CONTROLLER

Fig. 11

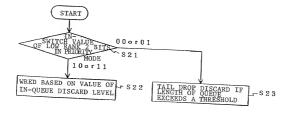


Fig. 12

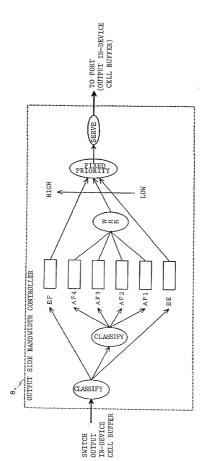


Fig. 13

l	IN-QUEUE NU	MBER	
	INPUT SIDE IN-DEVICE CELL BUFFER MODE	OUTPUT SIDE IN-DEVICE CELL BUFFER MODE	*
XX00	112 ~127	96 o r 112	SIMPLE PRIORITY QUEUE 1 (CORRESPOND TO DIFF SERV EF CLASS) EF(H)
XX01	96~111		SIMPLE PRIORITY QUEUE 1 (CORRESPOND TO DIFF SERV EF CLASS) EF(L)
0010	16~31	16	WRR QUEUE 1 (DIFF SERV AF1 CLASS)
0110	32~47	32	WRR QUEUE 2 (DIFF SERV AF1 CLASS)
1010	48~63	48	" 3 ("
1110	64~79	64	" 4 (")
XX11	00~15	0	BE QUEUE (BE CLASS)

Fig. 14

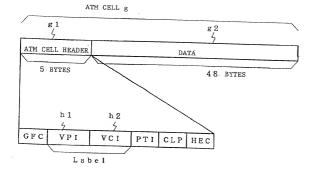
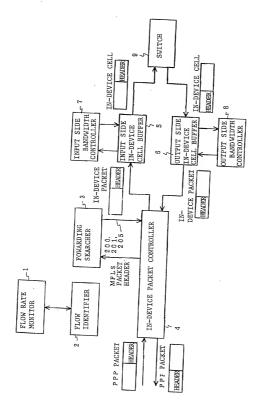
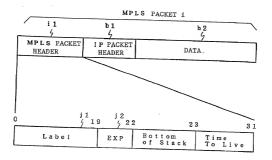


Fig. 15





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